

QY 181 CCATAGTACACCTACTCTTCTCCAGGAAAGGATCCACACCCCAAGGAAATCTCAT 240
 DB 181 CCATAGTACACCTACTCTTCTCCAGGAAAGGATCCACACCCCAAGGAAATCTCAT 240
 QY 241 CAGACGAGCAAAATTCATCCACCCCTACTACATCACTATCAAGATATCTTAGGAGCTC 300
 DB 241 CAGACGAGCAAAATTCATCCACCCCTACTACATCACTATCAAGATATCTTAGGAGCTC 300
 QY 301 TACTATTAATTTTAAACCTCATGCTTCTAGTCTTATCTCAGGAGCTCTGAGAGCC 360
 DB 301 TACTATTAATTTTAAACCTCATGCTTCTAGTCTTATCTCAGGAGCTCTGAGAGCC 360
 QY 361 CAGCAACTATACACGAGCAACCCCACTTAATACACCCCAATATCAAGCCCAATGAT 420
 DB 361 CAGCAACTATACACGAGCAACCCCACTTAATACACCCCAATATCAAGCCCAATGAT 420
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 DB 421 ACTTCTTATTTGATACGCAATCTCCGATCAATCTCTTAACAACTAGGAGG 472

RESULT 2
 LOCUS AF022058 1140 bp DNA linear MAM 24-JUN-1999
 DEFINITION Antelope cervicapra cytochrome b (cytb) gene, mitochondrial gene
 accession AF022058
 version 99240559
 keywords AF022058.1 GI:4103291
 source Mitochondrion Antelope cervicapra (blackbuck)
 ORGANISM Antelope cervicapra
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
 Antilopinae; Antelope.
 1 (bases 1 to 1140)
 Mathee,C.A. and Robinson,T.J.
 Cytochrome b phylogeny of the family bovidae: resolution within the
 alcelaphini, antilopini, neotragini, and tragelaphini
 JOURNAL Mol. Phylogenet. Evol. 12 (1):31-45 (1999).
 MEDLINE 99240559
 PUBMED 10222159
 REFERENCE 2 (bases 1 to 1140)
 AUTHORS Mathee,C.A.
 TITLE Direct Submission
 JOURNAL Submitted (02-SEP-1997) Zoology & Entomology, University of
 Pretoria, Lynwood Street, Pretoria, Gauteng 0002, South Africa
 FEATURES Location/Qualifiers
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gene
 CDS
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 Best Local Similarity 100.0%; Pred. No. 1.4e-124;

ORIGIN

Query Match 100.0%; Score 472; DB 4; Length 1140;
 Best Local Similarity 100.0%; Pred. No. 1.4e-124;

Matches 472; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 TACCATGAGGCAAAATATCTTTTGGAGGCAACAGCTCATCACCAATCTCTTTTCAGCA 60
 DB 398 TACCATGAGGCAAAATATCTTTTGGAGGCAACAGCTCATCACCAATCTCTTTTCAGCA 457
 QY 61 TCCCATACATCGGTACAAACCTAGTAGATAGATCTGAGGGGTCTCACTAGATAGAA 120
 DB 458 TCCCATACATCGGTACAAACCTAGTAGATAGATCTGAGGGGTCTCACTAGATAGAA 517
 QY 121 CAACCTTACCCGATTTTCCGCTTCCATTTATCTCTCCATTTATCTATCTGAGCCCTTA 180
 DB 518 CAACCTTACCCGATTTTCCGCTTCCATTTATCTCTCCATTTATCTATCTGAGCCCTTA 577
 QY 181 CCATAGTACACTACTGTTTCTCCAGGAAACAGATCCCAACCCCAAGGATCTCAT 240
 DB 578 CCATAGTACACTACTGTTTCTCCAGGAAACAGATCCCAACCCCAAGGATCTCAT 637
 QY 241 CAGACGAGCAAAATTCGATCCATCCATCCATCCATCCATCCATCCATCCATCCATCC 300
 DB 698 CAGACGAGCAAAATTCGATCCATCCATCCATCCATCCATCCATCCATCCATCC 697
 QY 301 TACTATTAATTTTAAACCTCATGCTTCTAGTCTTATCTCTCAGGAGCTCTGAGAGCC 360
 DB 698 TACTATTAATTTTAAACCTCATGCTTCTAGTCTTATCTCTCAGGAGCTCTGAGAGCC 757
 QY 361 CAGCAACTATACACGAGCAACCCCACTTAATACACCCCAATATCAAGCCCAATGAT 420
 DB 758 CAGCAACTATACACGAGCAACCCCACTTAATACACCCCAATATCAAGCCCAATGAT 817
 QY 421 ACTTCTTATTTGATACGCAATCTCCGATCAATCTCTTAACAACTAGGAGG 472
 DB 818 ACTTCTTATTTGATACGCAATCTCCGATCAATCTCTTAACAACTAGGAGG 869

RESULT 3
 LOCUS AF036283 1139 bp DNA linear MAM 01-DEC-1999
 DEFINITION Antelope cervicapra cytochrome b (cytb) gene, mitochondrial gene
 accession AF036283
 version AF036283.1 GI:5777927
 keywords Antelope cervicapra (blackbuck)
 ORGANISM Antelope cervicapra
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
 Antilopinae; Antelope.
 1 (bases 1 to 1139)
 Hassanin,A. and Douzery,E.J.
 The tribal radiation of the family Bovidae (Artiodactyla) and the
 evolution of the mitochondrial cytochrome b gene
 JOURNAL Mol. Phylogenet. Evol. 13 (2): 227-243 (1999)
 MEDLINE 20072924
 PUBMED 10603253
 REFERENCE 2 (bases 1 to 1139)
 AUTHORS Hassanin,A.
 TITLE Direct Submission
 JOURNAL Submitted (02-DEC-1997) Systematique Moleculaire (GDR 1005), Museum
 National d'Histoire Naturelle, 43, rue Cuvier, Paris 75005, France
 FEATURES Location/Qualifiers
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